

ABSTRACT OF THE DISCLOSURE

A conventional setting voltage was a value with an estimated margin of a characteristic change of a light emitting element. Therefore, a voltage between the source and drain of a driver transistor V_{ds} had to be set high ($V_{ds} \geq V_{gs} - V_{Th} + a$). This caused
5 high heat generation and power consumption because a voltage applied to the light emitting element. The invention is characterized by feedbacking a change in a current value in accordance with the deterioration of a light emitting element and a power source voltage controller which modifies a setting voltage. Namely, according to the invention, the setting voltage is to be set in the vicinity of the boundary (critical part) between a
10 saturation region and a linear region, and a voltage margin for the deterioration is not required particularly for an initial setting voltage.